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30652/011A  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jeffrey James Jonas et al. )  
Serial No. : 10/807,826 )  
Filed : March 24, 2004 )  
For : Secure Coordinate Identification )  
Method, System and Program )  
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**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Arlington, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached form, PTO/SB/08A. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

Per the waiving of the requirement under 37 CFR 1.98 (a)(2)(i), submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003, copies of each of the U.S. patent references on the PTO/SB/08 are not attached. However, copies of the non-patent literature documents are enclosed.

Applicant believes that no fee is necessary for the filing of this Information Disclosure Statement. However, should any fees actually be due, the Commissioner is

hereby authorized and directed to charge that required fee to Deposit Account No. 13-2855.

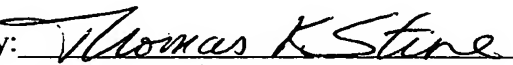
A copy of this paper is enclosed.

Respectfully submitted,

MARSHALL, GERSTEIN & BORUN LLP

June 17, 2004

By:



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PTO/SB/08a/b (06-03)

Approved for use through 07/31/2003. OMB 0651-0031  
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Substitute for form 1449A/B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)				<b>Complete if Known</b>	
Application Number				10/807,826	
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Art Unit				N/A	
Examiner Name				Not Yet Assigned	
Attorney Docket Number				30652/011A	
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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A1	1,261,167	04-02-1918	Russell	
	A2	5,675,785	10-07-1997	Hall et al.	
	A3	5,781,911	07-14-1998	Young et al.	
	A4	5,794,246	08-11-1998	Sankaran et al.	
	A5	5,991,758	11-23-1999	Ellard	
	A6	6,014,670	01-11-2000	Zamanian et al.	
	A7	6,032,158	02-29-2000	Mukhopadhyay et al.	
	A8	6,073,140	06-06-2000	Morgan et al.	
	A9	6,185,557	02-06-2001	Liu	
	A10	6,208,990	03-27-2001	Suresh et al.	
	A11	6,272,495	08-07-2001	Hetherington	
	A12	6,339,775	01-15-2002	Zamanian et al.	
	A13	6,385,604	05-07-2002	Bakalash et al.	
	A14	6,418,450	07-09-2002	Daudenarde	
	A15	6,460,037	10-01-2002	Weiss et al.	
	A16	6,044,378	03-28-2000	Gladney	
	A17	6,122,641	09-19-2000	Williamson et al.	
	A18	6,065,001	05-16-2000	Ohkubo et al.	
	A19	5,560,006	09-24-1996	Layden et al.	
	A20	5,819,263	10-06-1998	Bromley et al.	
	A21	5,995,973	11-30-1999	Daudenarde	
	A22	5,933,831	08-03-1999	Jorgensen	
	A23	6,049,805	04-11-2000	Drucker et al.	
	A24	5,799,309	08-25-1998	Srinivasan	
	A25	6,122,757	09-19-2000	Kelley	
	A26	6,035,300	03-07-2000	Cason et al.	
	A27	5,010,478	04-23-1991	Deran	
	A28	5,991,733	11-23-1999	Aleia et al.	
	A29	6,052,693	04-18-2000	Smith et al.	
	A30	5,608,907	03-04-1997	Fehskens et al.	
	A31	5,758,343	05-26-1998	Vigil et al.	
	A32	5,991,765	11-23-1999	Vethe	
	A33	5,764,977	06-09-1998	Oulid-Aissa et al.	
	A34	6,035,306	03-07-2000	Lowenthal et al.	
	A35	5,995,097	11-30-1999	Tokumine et al.	
	A36	5,878,416	03-02-1999	Harris et al.	
	A37	6,035,295	03-07-2000	Klein	
	A38	5,229,764	07-20-1993	Matchett et al.	
	A39	5,534,855	07-09-1996	Shockley et al.	
	A40	6,041,410	03-21-2000	Hsu et al.	
	A41	6,058,477	05-02-2000	Kusakabe et al.	
	A42	6,076,167	06-13-2000	Borza	
	A43	6,092,199	07-18-2000	Dutcher et al.	
	A44	6,160,903	12-12-2000	Hamid et al.	
	A45	6,167,517	12-26-2000	Gilchrist et al.	

Examiner Signature		Date Considered	
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	A46	6,317,834	11-13-2001	Gennaro et al.	
	A47	6,446,210	09-03-2002	Borza	
	A48	6,697,947	02-24-2004	Matyas, Jr. et al.	
FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	C1	Winkler et al., <i>The State of Record Linkage and Current Research Problems</i>		
	C2	Winkler et al., <i>Advanced Methods for Record Linkage</i>		
	C3	Jaro, "Record Linkage Research and the Calibration of Record Linkage Algorithms", U.S. Bureau of the Census, Report No: rr-84/27 (August 9, 1984)		
	C4	DeWitt et al., <i>An Evaluation of Non-Equijoin Algorithms</i> , Proc. 17 <sup>th</sup> Intl. Conf. on Very Large Data Bases, Sep. 1991, pp. 443-452		
	C5	Li et al., <i>Skew Handling Techniques in Sort-Merge Join</i>		
	C6	Verykios et al., <i>A Bayesian decision model for cost optimal record matching</i> , The VLDB Journal, 2000, vol. 12, nos. 28-450, pp. 28-40		
	C7	van den Bercken et al., <i>The Bulk Index Join: A Generic Approach to Processing Non-Equijoins</i>		
	C8	Monge, <i>Matching Algorithms within a Duplicate Detection System</i>		
	C9	Yuwono et al., <i>Search and Ranking Algorithms for Locating Resources on the World Wide Web</i> , Intl. Conf. on Data Engineering, 1996, pp. 164-171		
	C10	Hou et al., <i>Medical Image Retrieval by Spatial Features</i> , 1992 IEEE Intl. Conf. on Systems, Man and Cybernetics, Oct. 1992, vol. 1, pp. 1364-69		
	C11	Callan et al., <i>Searching Distributed Collections With Inference Networks</i> , Proc. 18 <sup>th</sup> Annual Intl. ACM SIGIR Conf. on R&D in Information Retrieval, July 9-13, 1995, pp. 21-28		
	C12	DeFazio et al., <i>Integrating IR and RDBMS Using Cooperative Indexing</i> , Proc. 18 <sup>th</sup> Annual Intl. ACM SIGIR Conf. on R&D in Information Retrieval, July 9-13, 1995, pp. 84-92		
	C13	Sclaroff et al., <i>ImageRover: A Content-Based Image Browser for the World Wide Web</i> , IEEE Workshop on Content-Based Access of Image and Video Libraries, June 1997, pp. 2-9		
	C14	Knoblock, <i>Searching the World Wide Web</i> , Trends & Controversies, Jan.-Feb. 1997, pp. 8-24		
	C15	Amba et al., <i>Automatic Linking of Thesauri</i> , Proc. 18 <sup>th</sup> Annual Intl. ACM SIGIR Conf. on R&D in Information Retrieval, July 9-13, 1995, pp. 181-188		

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Sheet	3	of	5	Attorney Docket Number	30652/011A

C16	Gelbart et al., <i>Toward a Comprehensive Legal Information Retrieval System, Database and Expert Systems Applns.</i> , Proc. Intl. Conf. in Vienna, Austria, 1990, pp. 121-125
C17	Kimoto et al., <i>Construction of a Dynamic Thesaurus and Its Use for Associated Information Retrieval</i> , Proc. 13 <sup>th</sup> Intl. Conf. on R&D in Information Retrieval, Sep. 5-7, 1990, pp. 227-241
C18	Findler, <i>Information Retrieval Systems</i> , An Artificial Intelligence Technique for Information and Fact Retrieval, 1991
C19	Yearwood et al., <i>Retrieving cases for treatment advice in nursing using text representation and structured text retrieval</i> , Artificial Intelligence in Medicine, Jan. 1997, vol. 9, no. 1, pp. 79-98
C20	Batory et al., <i>Implementation Concepts for an Extensible Data Model and Data Language</i> , acm Transactions on Database Systems, Sep. 1988, vol. 13, no. 3, pp. 231-262
C21	Haisten, <i>Designing a Data Warehouse</i> , InfoDB, vol. 9, no. 2, pp. 2-9
C22	Labio et al., <i>The WHIPS Prototype for Data Warehouse Creation and Maintenance</i> , 1997, pp. 557-559
C23	Haisten, <i>Information Discovery in the Data Warehouse</i> , InfoDB, vol. 9, no. 6, pp. 14-25
C24	Suardi et al., <i>Execution of Extended Multidatabase SQL</i> , 1993, pp. 641-650
C25	Romberg, <i>Meta-Entities Keeping Pace with Change</i> , Database Programming & Design, Jan. 1995, pp. 54-59
C26	Fellegi, <i>Tutorial on the Fellegi-Sunter Model for Record Linkage</i> , Section II: Overview of Applications and Introduction to Theory, pp. 127-178
C27	Crane et al., "Project LINK-LINK: An Interactive Database of Administrative Record Linkage Studies", National Center for Education Statistics and U.S. Department of Agriculture, Record Linkage Techniques – 1985: Proceedings of the Workshop on Exact Matching Methodologies, Arlington, VA, pp. 311-315 (May 9-10, 1985)
C28	Childers et al., <i>The IRS/Census Direct Match Study - Final Report</i> , Bureau of the Census - Statistical Research Division Report Series, Aug. 1, 1984, pp. 1-22
C29	LaPlant Jr., <i>Generalized Data Standardization Program Generator (GENSTAN) Program Generation System Part II</i> , Bureau of the Census Statistical Research Division Report Series, July 22, 1986
C30	LaPlant Jr., <i>User's Guide for the Generalized Record Linkage Program Generator (GENLINK) SRD Program Generator System User's Guide: Part III</i> , Bureau of the Census Statistical Research Division Report Series, Sept. 1, 1986
C31	Winkler et al., <i>An Application of the Fellegi-Sunter Model of Record Linkage to the 1990 U.S. Decennial Census</i>
C32	Winkler, <i>Matching and Record Linkage</i>
C33	Scheuren et al., <i>Recursive Merging and Analysis of Administrative Lists and Data</i>
C34	Winkler, <i>Record Linkage Software and Methods for Merging Administrative Lists</i>
C35	Wang et al., <i>Automatically Detecting Deceptive Criminal Identities</i>
C36	Hernandez, <i>A Generalization of Band Joins and the Merge/Purge Problem</i> , IEEE Trans. on Knowledge and Data Engineering, 1996

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Sheet	4	of	5	Attorney Docket Number	30652/011A

	C37	Lu et al., <i>Pipelined Band Join in Shared-Nothing Systems</i> , Proc. 1995 Asian Computing Science Conf., Dec. 1995, pp. 239-253	
	C38	Beebe, "Why are Epidemiologists Interested in Matching Algorithms?", National Cancer Institute, Record Linkage Techniques – 1985: Proceedings of the Workshop on Exact Matching Methodologies, Arlington, VA, pp. 139-143 (May 9-10, 1985)	
	C39	Boruch et al., "Exact Matching of Micro Data Sets in Social Research: Benefits and Problems", Record Linkage Techniques – 1985: Proceedings of the Workshop on Exact Matching Methodologies, Arlington, VA, pp. 145-153 (May 9-10, 1985)	
	C40	Scheuren, "Methodologic Issues in Linkage of Multiple Data Bases", National Academy of Sciences, Panel on Statistics for an Aging Population (September 13, 1985), reprinted Record Linkage Techniques – 1985: Proceedings of the Workshop on Exact Matching Methodologies, Arlington, VA, pp. 155-178 (May 9-10, 1985)	
	C41	Winkler, "Processing of Lists and String Comparison", Energy Information Administration, Record Linkage Techniques – 1985: Proceedings of the Workshop on Exact Matching Methodologies, Arlington, VA, pp. 181-187 (May 9-10, 1985)	
	C42	Jaro, "Current Record Linkage Research", U.S. Bureau of the Census, Record Linkage Techniques – 1985: Proceedings of the Workshop on Exact Matching Methodologies, Arlington, VA, pp. 317-320 (May 9-10, 1985)	
	C43	Smith, "Record-Keeping and Data Preparation Practices to Facilitate Record Linkage", Statistics Canada, Record Linkage Techniques – 1985: Proceedings of the Workshop on Exact Matching Methodologies, Arlington, VA, pp. 321-326 (May 9-10, 1985)	
	C44	Hill et al., "Generalized Iterative Record Linkage System", Statistics Canada, Record Linkage Techniques – 1985: Proceedings of the Workshop on Exact Matching Methodologies, Arlington, VA, pp. 327-333 (May 9-10, 1985)	
	C45	Howe et al., "A Generalized Iterative Record Linkage Computer System for Use in Medical Follow-up Studies", Computers and Biomedical Research 14, pp. 327, 240 (1981)	
	C46	Lee, Joon Ho, "Combining Multiple Evidence from Different Properties of Weighting Schemes", Proceedings of the 18 <sup>th</sup> Annual International ACM SIGIR Conference on Research and Development in Information Retrieval, Seattle, Washington, USA (July 9 - July 13, 1995) pages 180-188.	
	C47	International Search Report from PCT/US03/35607, dated April 24, 2004	

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